

**From:** [Schaller, Andrea](#)  
**To:** [Rosenberg, Kathryn](#)  
**Cc:** [Ackerman, Mark](#)  
**Subject:** RE: Review of NPDES Permit, DTE-Monroe Plant, Monroe, Michigan (MI0001848)  
**Date:** Thursday, October 7, 2021 10:36:50 AM

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Katie

Was the state agreeable to make the changes you emailed about? Wanted to close it out as a draft review if possible. If they were not willing to make a change we can discuss sending a letter.

Andrea

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**From:** Rosenberg, Kathryn <Rosenberg.Kathryn@epa.gov>  
**Sent:** Thursday, September 30, 2021 10:32 AM  
**To:** Aiello, Christine (DEQ) <AielloC@michigan.gov>  
**Cc:** Ackerman, Mark <ackerman.mark@epa.gov>; Schaller, Andrea <schaller.andrea@epa.gov>  
**Subject:** RE: Review of NPDES Permit, DTE-Monroe Plant, Monroe, Michigan (MI0001848)

Hi Christine,

Thank you for providing response to comments on the DTE Monroe permit and for making the required and recommended changes to the permit, fact sheet, and permit record. The below comment has been partially addressed and will need additional information to be resolved:

Public Notice:

1. The permit includes an alternative thermal effluent limitation (ATEL) based on a Clean Water Act Section 316(a) demonstration study. Please revise the public notice document to incorporate the additional public notice requirements for facilities with ATEls as outlined at 40 C.F.R. § 124.57.

To fully comply with the requirements at 40 CFR 124.57, the public notice will need a quantitative statement of the alternative thermal effluent limits proposed. Attached is an example with the quantitative statement highlighted.

Thank you for your consideration and please let me know if you have any questions.

Best,

**Katie Rosenberg** (she/her)  
Permits Branch | USEPA-Region 5  
77 W. Jackson Blvd, WP-16J  
Chicago, IL 60604  
[rosenberg.kathryn@epa.gov](mailto:rosenberg.kathryn@epa.gov) | 312-886-6774

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**From:** Aiello, Christine (EGLE) <[AIELLOC@michigan.gov](mailto:AIELLOC@michigan.gov)>

**Sent:** Friday, September 10, 2021 12:22 PM

**To:** Miller, Deborah L. <[miller.deborahl@epa.gov](mailto:miller.deborahl@epa.gov)>

**Cc:** [alexanderc2@michigan.gov](mailto:alexanderc2@michigan.gov); Buckmaster, Tarek (DEQ) <[BUCKMASTERT@michigan.gov](mailto:BUCKMASTERT@michigan.gov)>

**Subject:** RE: Review of NPDES Permit, DTE-Monroe Plant, Monroe, Michigan (MI0001848)

Deborah,

Thank you for providing comments on the DTE-Monroe permit. EGLE's responses – organized and numbered in the same manner as the comments – are provided below, and the revised draft permit is attached. Following final review of this draft permit by DTE, we expect it to proceed to public notice.

If you have any questions or comments, please contact me.

Christine

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#### Public Notice

1. The following statement has been added to the Public Notice Document: The permittee previously conducted a demonstration pursuant to Section 316(a) of the Clean Water Act; this was approved by the Michigan Water Resources Commission on October 21, 1976, and is continued under this permit reissuance.

#### Permit

1. The limits for both oil & grease and TSS at monitoring point 001D have been changed to reflect those specified for low volume waste in 40 CFR 423.12(b)(3), and are expressed as concentration limits rather than loading rate limits as allowed for under the ELGs. Please see Part I.A.3. of the attached permit.
2. Monitoring point 001F has been revised to reflect the permit requirements that will go into effect for FATW beginning no later than January 1, 2024. Monitoring points 001A and 001H, which also authorize a discharge of FATW, have been similarly revised. Please see Part I.A.1., Part I.A.4., and Part I.A.6. of the attached permit.
3. The permit has been revised to specify that the EGLE will evaluate and determine the site-specific volume of BATW to be authorized in the permit, and a reopener provision has been added to the permit. Please see Part I.A.5., Part I.A.6., and Part I.A.15. of the attached permit.

#### Fact Sheet and Permit Record

1. The following statement has been added to the Basis for Decision Memo: For information pertaining to the non-attainment status for certain designated uses of the receiving water and how it informed the establishment of certain permit conditions, see the Department's document named "DECO Monroe fact sheet & PEL.pdf."

2. The following statement has been added to the Basis for Decision Memo: For information explaining which ELGs apply and the basis for this determination, as well as the calculations made in accordance with these ELGs, see the Department's document named "TTBEL Memo.doc."
3. The Treatment Technology-Based Effluent Limitation Guidelines Memo has been revised to include the following statements: There are four generating units at this facility: Unit 1, brought on line in May 1971; Unit 2, brought on line in June 1972; Unit 3, brought on line in March 1973; and Unit 4, brought on line in May 1974. The New Source date for direct dischargers under these federal effluent limitation guidelines is November 19, 1982 (see [https://www.epa.gov/sites/default/files/2015-09/documents/pwm\\_app-d.pdf](https://www.epa.gov/sites/default/files/2015-09/documents/pwm_app-d.pdf)), meaning that none of the discharges from this facility are subject to New Source Performance Standards under 40 CFR 423.

#### Permit

1. Part I.A.20. – Cooling Water Intake Structures – Interim Approval, has been revised as requested. Please see Part I.A.20. of the attached permit.
2. Part I.A.19. – 316(a) Thermal Demonstration Update, has been revised as requested under parts a. and b. of this comment. Please see Part I.A.19. of the attached permit.

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*Christine Aiello*

Environmental Quality Specialist  
Industrial and Storm Water Permits Unit  
Permits Section | Water Resources Division  
Michigan Department of Environment, Great Lakes, and Energy  
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**From:** Miller, Deborah L. <[miller.deborahl@epa.gov](mailto:miller.deborahl@epa.gov)>

**Sent:** Friday, July 9, 2021 3:05 PM

**To:** Alexander, Christine (EGLE) <[ALEXANDERC2@michigan.gov](mailto:ALEXANDERC2@michigan.gov)>

**Cc:** Aiello, Christine (EGLE) <[AIELLOC@michigan.gov](mailto:AIELLOC@michigan.gov)>

**Subject:** Review of NPDES Permit, DTE-Monroe Plant, Monroe, Michigan (MI0001848)

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Letter and attachment.

Stay safe,

*De'bo'rah L. Miller*

**Administrative Assistant**

**SEE Enrollee Working with US EPA**

**Water Division – Permits Branch**

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